

SEQUENCE LISTING

<110> Salceda, Susana
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<120> Compositions and Methods Relating to Breast Specific Genes and Proteins

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<150> 60/268,999
<151> 2001-02-15

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aaggcctcgtg tgacaacgccc ctcttaacag tggaaatgcg atcgacgcac gggctctgag 240
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202617-202618
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	agaggcttg	gcataggatc	agaaattctg	aagaatctaa	gccaggttgc	aatgaggtgt	360
	cgctgcagca	gcatgcactt	cttggtagca	aatggaatg	aaccatccat	caacttctat	420
	aaaagaagag	gtgcttctga	tctgtccagt	gaagagggtt	ggagactgtt	caagatcgac	480
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 <212> DNA
 <213> Homo sapien

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 <223> a, c, g or t

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<210> 24
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 <212> DNA
 <213> Homo sapien

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<210> 27

<211> 722
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 gcaaacacaa ataaaaacac aacagcggtt gggggcacaac acgagggcca caagagggtc 660
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<210> 28
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<211> 247
<212> DNA
<213> Homo sapien
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caaccga 247

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<210> 30
<211> 528
<212> DNA
<213> Homo sapien
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tatataactg gaaaactttt acttttcgct taacattaat tggattttg gtgacagtga 240
aaattatttt tttcagggc ttgttaaaca actgtttaa aacagatgat gacccaaacc 300
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ctgctcaatg agaatagtat tggatgtgaa actctaaaga agtcattatt catctcattt	360
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tgtaaaatta tttgattaac atttataact taaaaaaaaaaaaaaa aaaaaaaaaaaa	480
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<211> 890	
<212> DNA	
<213> Homo sapien	
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tgggaagggc	acagtggccc	tgaccggagc	360
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acaataaaaa	aggtgttgg	gaaccacggc	360
atgacgtcca	cgcagcgcca	caggcccacc	420
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<212> DNA
<213> Homo sapien
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aagaaaaagc	ttggcgggct	acactcagtg	gctcataggc	gtggatctcc	gtggtggtga	360
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 <211> 63
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 <212> DNA
 <213> Homo sapien

<400> 43
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<210> 46
<211> 487
<212> DNA
<213> Homo sapien

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gacaagc 487

<210> 47
<211> 667
<212> DNA
<213> Homo sapien

<400> 47
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ggggaga 667

<210> 48
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<212> DNA
<213> Homo sapien

<400> 48
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<210> 49
 <211> 802
 <212> DNA
 <213> Homo sapien

<400> 49
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<210> 50
 <211> 918
 <212> DNA
 <213> Homo sapien

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ccagactacg acactaaaca tcacacacaa cagtcaaaaa acagccaccc gaacacagca	840
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<210> 51	
<211> 985	
<212> DNA	
<213> Homo sapien	
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<221> misc_feature	
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<223> a, c, g or t	
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<211> 669	
<212> DNA	

<213> Homo sapien

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 aaaaatgaat gaaaatataat ttggatttat tttatcttag ccctgtaaga gaagctaatt
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 gccacctata cctatggaca tgattagaaa gaaacaatgg gaggcagttc tgtaacagtg 480
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 669

<210> 53
 <211> 837
 <212> DNA
 <213> Homo sapien

<400> 53
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 360
 420
 480
 540
 600
 660
 720
 780
 837

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<212>	DNA
<213>	Homo sapien

<400>	56					
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<210>	57
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<212>	DNA
<213>	Homo sapien

<400>	57						
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gaattcagct gcagctgaca tttacctctg gtctactct gaaaagaaaa attgttccc	180
aaaaggattt gtggtatatg tagtattaag ggtgggaaag ggctattaa tgttagtaag	240
ataaaagaact gttttaaga actttacata gtgattacat agaaatggat gtgggtagtt	300
acaaagggtt cttatctatt cattcatgcc cacctgccc gccccctgct gattcagacc	360
agcttcaact gccaaga	377

<210> 58
<211> 1527
<212> DNA
<213> Homo sapien

<400> 58	
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tccctctgt ttgcccaggat tatgaaggct gtgtgcccag agatgtgtgg gaagacccgg	120
gagcccttt tggggccgt cccctttatc tcggtttaat aggccccag ggagtgcgcg	180
gccttggggcg cgttttttag tgactcgtac ccccttttg aatgcacccg cccaaacctg	240
tggagatgtt tttcccccgc gaaagactgt ggggacaagg caaattcggt tggggggcccc	300
acagggttg cacacaaatg gttggcgc cttcctggag acacatctgt gggggacac	360
acgggtttga aagcagttgc aaaccaaggg aggattgtcc cgggggtttt ttgtgaggat	420
taggtgaacc ccccccacgtg tgtgaaaagt tttaagttcg tgagctgttc gaaccgcacc	480
gttggatat tttttttccc cgggggtgtag gaaggcccc cgggtgtcaa cacactgggg	540
gggtatatacg ccgtcccccc cagggcggtg ttttcgcgtt gtaaaacttt tcccgggggc	600
accccccccg ggggtgttta aactggagag ggagttttt tttccgcgtt ggaaacattt	660
tcacacacac gttggaggcc ttttgcgttcc cgggagggtt gtggattgtt gacagatatt	720
gaagcgagga gatccacttc ttgggtgaga aggccccac ctggaggtgg aaatcttata	780
actcggtt ttttctggga gaaaagaaaa gttcctcgag attcgcgcg cgggagagcc	840
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gctctgagt tggagaagtg atacattgag aagagagggt ctccaaggaa gaactctttt	960
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gactgcacat tccgggagaa caagggtaa gcacaataac ttgcgtttagt agaattcacca	1200
ctttcgaact cggctcgctg agtctgaggt ttttagatgt taaaaattttaatgtggag	1260
aattaaatta aaaggtatgt tggctatatt cgctaccaca tttcacattc ttttgagcct	1320

tatgtgaata ttttactgga aaataagact aataaattgt taacagttt taaaaaaaaaca 1380
acaaaaaaaaa aaaaaaaaaa aaagaaaaaaaa caaacggcca caccgcaccc ccgggcaaac 1440
acggccccccg ggggccccctcc ggccccccctc gcccccccccc gcaactttg tccccccgccc 1500
ccaaaaaaaaa ccactttcccc cacacct 1527

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<210> 59
<211> 532
<212> DNA
<213> Homo sapien
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<400> 59
cgccccggca ggtacgtaga tgccattgcc atagccatcg ttggattttc agtgaccatc 60
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attgccctgg gactgtgcaa ttccattggc tcactcttcc agacctttc aatttcatgc 180
tccttgtctc gaagccttgt tcaggagggc accgggtggga agacacagct tgcaggttgt 240
tggcctcatt aatgattctg ctggtcataat tagcaactgg attcctcttt gaatcattgg 300
cccagggtgg ggtggtcggc catggtgatg tgtcaacctg aaggaaatgt ttatgcgggtt 360
ctcagatctc cccttttct ggagaaccag caaaaatagag ctgaccatct ggcttaccac 420
ttttgtgtcc tccttgttcc tgggatttggc ctatggtttgc atcactgctg tgatcattgc 480
tctgctgtact gtgatttaca gaacacagag tccaaagctac aaagtcccttq qa 532

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<210> 60
<211> 499
<212> DNA
<213> Homo sapien
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<400> 60
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aggtgacagg gcatcacatg atgtgctggc tcagttctct ttccctgtct tagaaagccca 180
ccagtcccac ttttgtaca tccccattaaat caatcaaccc atgaatcctt gcgcgggtta 240
atctattaaat gagggcagag ccctcattga ccaatcaccc ctttagagagc ccccacctt 300
taatactgcc acattgagga ttgagtctag agggaatgc taccattcca cccctgatcc 360
cccaaaatca tttccttctc acattcattc tactccata gttccaaagt ctgaactaat 420
tccagcacaa aattccagtt caaagtccag agcctcactg tgtgagcctg tgaaacccaa 480
acaqaqctctc tttttccaa 499
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<210> 61
<211> 544
<212> DNA

<213> Homo sapien

<400> 61
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 ccttgcact tgccatctag cagagctgga tgcttccctt gagcgctctc tgctccatcc 180
 cccaggtatc taggctgcct cccatctccc ccactggcat ttgaacttta agagcctgg 240
 ctttgtgctt ggaatccaaat gcaaaggctt cccataacta gcactccata aacaactttt 300
 gaacaaaaat tcaaattccc agtggttcag ttgcaccaag ttcaagacta agtatttcaa 360
 ataaaaaaaaa aacaaaaaaaaa aacaaaaaaaaa ggcttggcg gaacctccat gggcatctag 420
 ctgggtcccc gtttgtgtgg tcattggtta tccggctcac atttccaca cactttcccg 480
 gcccacacag cagatgtgag agagacaata tccgcgcccga gacgcagcaa cacaccgcca 540
 cacg 544

<210> 62
 <211> 589
 <212> DNA
 <213> Homo sapien

<400> 62
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 acttctgttc cttccacccct agccccaccc atccctctccc catccaagag caaacagctc 120
 tgaacagtct ggagtagctg gagacactcc tcatcttggc actctccttg ccacttgcca 180
 tctagcagag ctggatgctt cccttgagcg ctctctgctc catccccag gtatcttaggc 240
 tgcctccat ctccccact ggcatttcaa cttaagagc ctggctttg tgcttggat 300
 ccaatgcaaa ggcttccat aactagcact ccataaaacaa ctttgaaca aaaattcaaa 360
 ttcccagtgg ttcagttgca ccaagttcaa gactaagtat ttcaaataaa aaaaaaaaaacaa 420
 aaaaaaaaaacaa aaaagggctt gggcggaaacc tccatgggca tctagctggc tccccgtttg 480
 tgtggtcatt gtttatccgg ctcacatttc ccacacactt tcccgccca cacagcagat 540
 gtgagagaga caatatccgc gccgagacgc agcaacacac cggcacacg 589

<210> 63
 <211> 212
 <212> DNA
 <213> Homo sapien

<400> 63
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 caaaaaaaaaa aacaaaaaca aaacagcgtt gggcgcggta acacccaaatg gcgccaaaa 120
 cgcgtggttc ccgtgggtggt ggcacatatg tggtgatatc ccggctccaa caaattccct 180

acaacaaaata acgggaagaa aaggccaaaa aa	212
<210> 64	
<211> 658	
<212> DNA	
<213> Homo sapien	
<400> 64	
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catccttgac ttaaggaggt gaaaaataat ctcatgaaaa agttaccact aggataagtt	180
agtgc当地 cttatccata aaaatactct ctaagggggt gcagtgaagc gtcggcgtac	240
actcgaggc tcactagcgt gtccgcgggg gtgaaagtgg tacactccgc ctcacaatcc	300
cacacaacca atcccggaaaa cgccacacgga accgcaaccc aagcacacaa gcagacgccc	360
acacagaccc gcaccccccag caagccaccc ctccgcagcc caaccaacga ccaccaccgc	420
aaccccccacg ccagcgcacc acacgcgc当地 caccgacacga acacccgaaa cgaaccacgaa	480
aaccagcaac caagccagca aacaccaaac caacaccacg acaggcaacg cacgaagaca	540
accaaacacc aacgacaacc cccagacaac acccaccgcg cgcaccacag cccaccacca	600
cagcgcgc当地 cccaccagca caccggacca cgcccgccag cggccgcccc accaaccc	658
<210> 65	
<211> 226	
<212> DNA	
<213> Homo sapien	
<400> 65	
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gatgccc当地 tggttgattt cagtctccag gtcaactgag atagtgtgac ccagagctcc	120
taccctaaat catgtggttg gtcttccc当地 tctacatcaa aatgttgcta tctggatag	180
cccaagatcc ccagacaaac agagattact taccaaggac aaaggc	226
<210> 66	
<211> 430	
<212> DNA	
<213> Homo sapien	
<400> 66	
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attgggagac acacttctga acaccaccac tgaaaaatca cacatgctga aatgggagag	180
ttccctgacc cccttgcagg atatgtgaca ggagtgtggc tc当地tctgttc agctggagtg	240
cataactcaaa ccccttatga gacaaggagt atgcagacag aaggtgcagg aactggaaag	300

caaaatatta actagttaat ttgatctcca agagttaagc ggtttaata ttactgacag 360
 taatatcagc agtgggtttg gaacccatg atctcatgaa tcatacgatag caactgctta 420
 ctggacattg 430

<210> 67
 <211> 813
 <212> DNA
 <213> Homo sapien

<400> 67
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 atcagccgt aaatagcgag cagccgacca gaaccagcaa ttacacatcc gcgagcacga 180
 cctagacaaa cagacataga cgcatacagg cacagaaacg agcagaaggg acgagacaga 240
 gaaaaacaag acaacaacgt caaaaagagc aggacaaaaa agagcataat caagaggaca 300
 acaaaggacg aaagaaacag caagcgaaaa aacaacacat gaacgagggc gcaaagaaaa 360
 ggcacaagcg aacaaaaagc gaaccacagg gagaacgagc gaacaaacag gaggacggcg 420
 aaaagtgaag agaacgagaa taacaccata aatgacacac aacgaacaca caccacgtga 480
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 cgaaaagcca cagacaaggg cgtatacataa ggactacgca agcgcagtaa cccaaaccaag 600
 agaaaaacaca caaacagggc gagccgcac acatggcaca gaccaccaga acgcatgaag 660
 acgaacaaca ccgagcagca cgaagccaca agagggaaaa gcgaggcgta gctaaatacc 720
 aacgcggaaa agtaaaacag caggaaggaa agcagaagac aaagcagaga cataggagt 780
 acacagacca cgaaaagaag acaatgacag gat 813

<210> 68
 <211> 444
 <212> DNA
 <213> Homo sapien

<400> 68
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 gcagactaga agaaattaac tgggttttg gaacctttt acgtgcaaac cttgaaaat 120
 gtgctagaaa cccaaagcatt gaagaattaa attactgtgg gtggaaaca cacgggcatt 180
 gtgcattatt gcattattac atttgtaag gtttagtaag gtttaggaaa ggcatacgct 240
 tgggtggtat tcttgaacac attgaattcc ttttgtggc tcaggtgttag gaaaggcacg 300
 agccagaatc catataggga attgaatacc ttcaaatctg gtggctgga ggaattctag 360
 agatttaacc cactggtgcc ctattttaa acaaacaaca aaaaaacaaa aaaaaaaaaa 420
 caggcgaaaa gcgaaacccc gggc 444

<210> 69
 <211> 273
 <212> DNA
 <213> Homo sapien

<400> 69
 ctgatataga tgtaattgcc aaaaatatta tagaaaactg gctccggttt tcacatagtg 60
 tggagtgaat aaacacaaaat ccagattcac ttcagaaaaa aaaaaaaaaa aaaaaaggtg 120
 gggcggtaac catggccgac agctggtccg tgtgtgaaat ggtttcccggtt ctcccatccc 180
 catttcgacg cccaaaaagg aaaggggaag aaggaagacg gacaacgaag ggtcagaaag 240
 gaggcaccag cggcagagggg aaaagctacg gga 273

<210> 70
 <211> 1397
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (255)..(255)
 <223> a, c, g or t

<220>
 <221> misc_feature
 <222> (259)..(259)
 <223> a, c, g or t

<220>
 <221> misc_feature
 <222> (325)..(325)
 <223> a, c, g or t

<220>
 <221> misc_feature
 <222> (354)..(354)
 <223> a, c, g or t

<220>
 <221> misc_feature
 <222> (356)..(356)
 <223> a, c, g or t

<220>
 <221> misc_feature
 <222> (623)..(623)
 <223> a, c, g or t

<220>
 <221> misc_feature
 <222> (628)..(628)

<223> a, c, g or t

<400> 70
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 taaaaaaccag gtccaaatct caccaataga ggaattttc aaaatagagg ttattcccac 180
 attagatcca tctcatcctt cctctccctc tatccttcag aggttcctct cgtttcgcc 240
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 ctcttctaattt ctcccatctc ctctcactct cactctctt cacacactct cacaggtctc 420
 gctctcgctc tcttctcaca cccttctcac tctcactctc actctcaatc tcactctgg 480
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 tcatacaactc tcgctctcg tctcaatctc gctctccatc tccctcttcc tcgctctca 600
 tctcatctca ccagaggggc ccnctctncc acaggtatag acgccccctc tcagacaatt 660
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 ttccaattgt ggggctcgcc aattaaaggc ctgggggttt tccccctggg gttgggtggc 1320
 gacaaaacat tcgggggtct aatccccggg gctctcacca aattcccccc attcctcaag 1380
 cgacccagac ctacacg 1397

<210> 71
 <211> 844
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (595)..(595)
 <223> a, c, g or t

<220>
 <221> misc_feature
 <222> (644)..(644)
 <223> a, c, g or t

<220>
 <221> misc_feature
 <222> (695)..(695)
 <223> a, c, g or t

<220>
 <221> misc_feature
 <222> (758)..(758)
 <223> a, c, g or t

<220>
 <221> misc_feature
 <222> (783)..(783)
 <223> a, c, g or t

<400> 71

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atta						844

<210> 72
 <211> 738
 <212> DNA
 <213> Homo sapien

<220>

<221> misc_feature
 <222> (327)..(327)
 <223> a, c, g or t

<400> 72
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 gggttgcagc tctgtgtcaa taaagttgcc gctgatgagc ttgtactcac aaggaaaatg 240
 aaggctaagt acgcaagtat ttctagcaga caacatactg attgatacga atgacatacg 300
 attatagagt ggacgatgaa cgagaanggc taggatatct ttgtcaggaa gtagtcaatg 360
 tcattcgttg tgaataatca caagaatttt ctatacgagg ttggattata ccataggaaag 420
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 ttataaacaa aaaccgaaaa gagaacaacat atacaacaga acatcaacaa aacagagacg 600
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 tcggccgcac gcaaaagg 738

<210> 73
 <211> 292
 <212> DNA
 <213> Homo sapien

<220>
 <221> misc_feature
 <222> (236)..(236)
 <223> a, c, g or t

<400> 73
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 cactccagcc tggcacacaga ggaagatctt cacagaaaaa aaaaaaaaaa aaaaaaaaaagt 180
 ttggtacatg gcatctgtcc ctgtgtgaat gtatcgccggc aatcccaata agaagnncgc 240
 acagaataga gagaataaag ggaacaataa taccacgca agaaaggaaa ta 292

<210> 74
 <211> 785
 <212> DNA
 <213> Homo sapien

<400> 74
 agatcatata gggcgactgg gcctcttaat catgctcgag cggcgcgatt gtgatggata 60

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tgtatggatg	ggaggtcatg	atgcgcctgg	taatagcccc	ctgtttcaga	gatttggta	240
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ttgtg						785

<210> 75
 <211> 1226
 <212> DNA
 <213> Homo sapien

<400> 75	ggcttctttt	ttcatatgac	atgtatctac	catcctttga	gtacttactt	attttctggg	60
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	caagcactac	tttatagaca	ggaaaaaaag	tgattcaaaa	tgtgaaaacg	ggtatatgta	300
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	cagaaaaacc	tcaacactga	attcccgaaa	catgatggg	tgggaggtca	tgatgcgcct	420
	ggtaatagcc	ccctgtttca	gagatttggt	actaccacaa	tctggggcgg	cgattcatgt	480
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	aacaggaccc	aaagccatgc	taggcgaggg	taagtcaggg	aacccacact	tagagaataa	600
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<210> 76
 <211> 792
 <212> DNA
 <213> Homo sapien

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<210> 77
 <211> 946
 <212> DNA
 <213> Homo sapien

<220>
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 <223> a, c, g or t

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<211> 895
<212> DNA
<213> Homo sapien
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<210> 79
 <211> 1049
 <212> DNA
 <213> Homo sapien

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 <212> DNA
 <213> Homo sapien

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 <223> a, c, g or t

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<210> 82
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<210> 83
<211> 954
<212> DNA
<213> Homo sapien

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 <212> DNA
 <213> Homo sapien

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tgcggagatt tgtgcgtctc ctgcgtngct ctctcgaggg ggctcctctg tgtggactct 660
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<210> 107
<211> 751
<212> DNA

<213> Homo sapien

<400> 107
 gcgtggcgc ggccgaggat acccggtccc agtgaggacg ccgagctcca gccccgagcc 60
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 tcgcgttaaa ggaatgtctt gaagaaaggc tcaagagtaa acgtgattcc tcattctat 180
 gaggaatgaa gtatggtcca agatccccat ggtgatgact gccgtgtgc agcagttgt 240
 tccgatgctg tagtgaaaag gggtcggagg atcggtaag gctgtgtac tgtctcctcg 300
 agtgagcctc catgctaatt ccctccctc gttgaaata gtgttggta gtggaaaggta 360
 gtgctggttc gaatatctcg ctcacatact gtcgcaccac catcctcgtc ttacggttgc 420
 ccacaatgaa ggtaccaaca atctttcac ttacacatg agaagttatg gcattaagca 480
 aacaagatca aagtgttgtt atttccgtc tgaacgggaa gaacggggcg tccgtttgt 540
 cccctggcg tggttcccc agaacacata aacacagaaa accaacaatt taggaattgg 600
 tcccaaaaca acaaacaaga gcaaacagag aagagaaaac aaaagaggcg cggcgccgta 660
 acaccccgta ggcacacgaa ggggttccc gcgggggtgg aacaggtggc tcccgccccc 720
 acaattcccc accaacacgg ggcacacaacg g 751

<210> 108
 <211> 640
 <212> DNA
 <213> Homo sapien

<400> 108
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 ccccccctt ctttttctt cttctgggtt gtttgttctc ttttatttt tatgataata 240
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 aaaacaacag ccctctctct cctctccgt tttctctttt cttatttgtt ctaatccagc 420
 aaacgaagag aaagatgcaa cacactttgt tggctcagtc tcctgactcg aaccatcgca 480
 cccagcgaaa caaaaacaga agaacagaga cggtcggcg gggacagtaa tgctagtggt 540
 caacaatgtt cccccccgc ggtgagacaa gaaactatcg tttctacgg ccgcacatgaa 600
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<210> 109
 <211> 533
 <212> DNA
 <213> Homo sapien

<400> 109
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 taattgttaa ccagaacttg gcacacacac attaagaat gaattgttaa tttattttt 240
 tcctcttgc tggtcattac cgtcgtttc tatttcttc ttttctttg tggtaattt 300
 tattttataa gaacaaaaaa ctttttgct aacgacttat tttgcagttt taaaaattca 360
 attaaccccc gttttttca ggaaacaaaaaa aaagaaaaaa aaaaaaaaaa aaaaaaaaaa 420
 aaccctgtgg tatatatctg tggccaaata gcctttctc cgtgggtgtg taaaattgtt 480
 taactccgca catcaaaatt cccacaaaac tatatgtgac acacaaaggg agt 533

<210> 110
 <211> 262
 <212> DNA
 <213> Homo sapien

<400> 110
 tgttaacaat aaggcacgcttttgcgttattt atcccaactac gagactacta 60
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 gaacgcagta ttgccaaata tctcatggac aaagtgacaa cagcactaca agcaaacaat 180
 cacataagcc catacatcga tcaacaaaaga tactacaact acgccagcgt agggatacaa 240
 cccagactga ctcacatcac aa 262

<210> 111
 <211> 1494
 <212> DNA
 <213> Homo sapien

<400> 111
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 acctctccat cctcacctta caccggccct gcctgaccag acaaccacccg gaggcaccagg 240
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<210> 112
 <211> 811
 <212> DNA
 <213> Homo sapien

<400> 112	aggagtggaa	tcatattggg	cgacctggc	ttatagatgc	atgctcgagc	ggcgcagtgt	60
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	ctgttgcgc	gccactctt	tgttatacaa	agggatgg	ccccagcagg	gtggaagagg	300
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	acacccacgc	gtgggtctcc	cgggctata	aaaactcctc	ccccccctt	tagagtgtgg	420
	cgacatctgc	gatatctccc	cgcgccccgg	cggtgtcgt	cccaccatgt	tgggtgcct	480
	cgagggcc	cacaggacct	cctcagggtgt	gcgtcctccc	ctttattaga	gggtggggca	540
	caacacccac	ccccccctcg	agtcgtgcgc	ggggacaacc	ctctgtagcg	gacccacgaa	600
	ccaccagaaa	agtccatatct	ctcacgcgcg	cgcgaggaac	cctccgcag	ggccgcggac	660
	aactgcaagg	gatatttccg	cgcgccccaca	caccgtgggg	gggcaccaac	cgcgcccccc	720
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<210> 113				
<211> 1506				
<212> DNA				
<213> Homo sapien				
<400> 113				
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aacacagaca	ttcagtcatac	acctatcaca	aaccaaatac	catcccaccc
tccactactc	tacataaaaca	caaaccacac	tcccaacaa	ccaccacaca
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tcacacatca	cgccacacat	atacccaccc	tctcactcaa	ccaaaccacaa
actacaccac	actccaccat	ccccaaacca	actcccacaa	ccaaacaaaa
caccccaactc	acaccaacac	acacaccacc	acacccccc	tttacccaa
aaacac				1506

<210> 114
 <211> 779
 <212> DNA
 <213> Homo sapien

<400> 114
 aaaaaacaaa aaaaaacaaa aagaaagagg aatgaataat cactataggg gcctcggtgt 60
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 tttttttttt ttttttttgg tccatgttta aaaaaagtgg aactatggtc ttaattatca 180
 atgggccagg gggggcctga ataaggggggt tagtcgtgct caaggggatg ggtgtggcg 240
 ctggtggaaag atagatcgac aaaaatgtgc ttgaaatgag aaatgggtgt gttgggttta 300
 agaaggtgcc atgtgccccaa tgggtgctcc tcatgtgtcc tgcacatctcg ggagaatgag 360
 cgacacgcct ttgagagaaa gagatgtcat tggcaacgccc atggatcag gcccacca 420
 aatcaatata ttacaacaaa tatctcttggaa aacatctca cgtctggacc atccactgg 480
 cgggtttgtc catgttcctc ccatcaatgc gcggtcagtg gaccaccaag gagtccttct 540
 gggtccttttgc gtaagaagcg cagctaagtc ctgtgttataccatagaatg tctggctgt 600
 aaatctatgg gcacattaac gctggtatcc ctgggtgttggaa gacaattggt cacatcgcc 660
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 gggcacacaaa gacaacaacg gaacccaaaaaaaagcaaga aaaaacaaca gggacaaca 779

<210> 115
 <211> 195
 <212> DNA
 <213> Homo sapien

<400> 115
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 aacattgttg agcaaaatgt gccatgcaaa atgtgccagt gaacctgtaa aaatgtgcct 180
 gctgtttgtc tggct 195

<210> 116
 <211> 62
 <212> PRT
 <213> Homo sapien

<400> 116

Met	Pro	Ser	Gln	Asn	Ala	Val	Phe	Ser	Gln	Glu	Gly	Asn	Met	Glu	Glu
1															
														10	15

Glu Glu Met Asn Asp Gly Ser Gln Met Val Arg Ser Gln Glu Ser Leu
 20 25 30

Thr Phe Gln Asp Arg Gly Arg Gly Leu His Gln Arg Gly Val Gly Pro
 35 40 45

Ala Val Pro Ala Arg Ala Ala Asp Pro Ser Tyr Cys Arg Pro
 50 55 60

<210> 117
 <211> 414
 <212> PRT
 <213> Homo sapien
 <400> 117

Gln Glu Ser Leu Thr Phe Gln Asp Val Ala Val Asp Phe Thr Arg Glu
 1 5 10 15

Glu Trp Asp Gln Leu Tyr Pro Ala Gln Lys Asn Leu Tyr Arg Asp Val
 20 25 30

Met Leu Glu Asn Tyr Arg Asn Leu Val Ala Leu Gly Tyr Gln Leu Cys
 35 40 45

Lys Pro Glu Val Ile Ala Gln Leu Glu Leu Glu Glu Trp Val Ile
 50 55 60

Glu Arg Asp Ser Leu Leu Asp Thr His Pro Asp Gly Glu Asn Arg Pro
 65 70 75 80

Glu Ile Lys Lys Ser Thr Thr Ser Gln Asn Ile Ser Asp Glu Asn Gln
 85 90 95

Thr His Glu Met Ile Met Glu Arg Leu Ala Gly Asp Ser Phe Trp Tyr
 100 105 110

Ser Ile Leu Gly Gly Leu Trp Asp Phe Asp Tyr His Pro Glu Phe Asn
 115 120 125

Gln Glu Asn His Lys Arg Tyr Leu Gly Gln Val Thr Leu Thr His Lys
 130 135 140

Lys Ile Thr Gln Glu Arg Ser Leu Glu Cys Asn Lys Phe Ala Glu Asn
 145 150 155 160

Cys Asn Leu Asn Ser Asn Leu Met Gln Gln Arg Ile Pro Ser Ile Lys
 165 170 175

Ile Pro Leu Asn Ser Asp Thr Gln Gly Asn Ser Ile Lys His Asn Ser
 180 185 190

Asp Leu Ile Tyr Tyr Gln Gly Asn Tyr Val Arg Glu Thr Pro Tyr Glu
 195 200 205

Tyr Ser Glu Cys Gly Lys Ile Phe Asn Gln His Ile Leu Leu Thr Asp
 210 215 220

His Ile His Thr Ala Glu Lys Pro Ser Glu Cys Gly Lys Ala Phe Ser
 225 230 235 240

His Thr Ser Ser Leu Ser Gln Pro Gln Met Leu Leu Thr Gly Glu Lys
 245 250 255

Pro Tyr Lys Cys Asp Glu Cys Gly Lys Arg Phe Ser Gln Arg Ile His
 260 265 270

Leu Ile Gln His Gln Arg Ile His Thr Gly Glu Lys Pro Phe Ile Cys
 275 280 285

Asn Gly Cys Gly Lys Ala Phe Arg Gln His Ser Ser Phe Thr Gln His
 290 295 300

Leu Arg Ile His Thr Gly Glu Lys Pro Tyr Lys Cys Asn Gln Cys Gly
 305 310 315 320

Lys Ala Phe Ser Arg Ile Thr Ser Leu Thr Glu His His Arg Leu His
 325 330 335

Thr Gly Glu Lys Pro Tyr Glu Cys Gly Phe Cys Gly Lys Ala Phe Ser
 340 345 350

Gln Arg Thr His Leu Asn Gln His Glu Arg Thr His Thr Gly Glu Lys
 355 360 365

Pro Tyr Lys Cys Asn Glu Cys Gly Lys Ala Phe Ser Gln Ser Ala His
 370 375 380

Leu Asn Gln His Arg Lys Ile His Thr Arg Glu Lys Leu Cys Glu Tyr
 385 390 395 400

Lys Cys Glu Gln Thr Val Arg His Ser Pro Ser Phe Ser Ser
 405 410

<210> 118

<211> 160

<212> PRT

<213> Homo sapien

<400> 118

Met Gln Leu Val Leu Leu Val Pro Val Cys Pro Thr Ile Gly Val Phe
1 5 10 15

Phe Arg Arg Leu Gly Pro His Phe Asp Val Gly Arg Phe Leu Cys Leu
20 25 30

Trp Gln Phe Val Val Pro Gln Ser Leu Pro Cys Arg Trp Arg Gly Ala
 35 40 45

Arg Gly Phe Arg Thr Leu Gly Val Leu Phe Leu Val Val Pro His His
50 55 60

Gly Ala Ser Ser Gly Cys Arg Leu Arg Arg Cys Arg Phe Phe Cys Ser
 65 70 75 80

Cys Gly Ser Ala Ser Val Asp Leu Phe Ala Leu Gly Trp Ile Cys Leu
 85 90 95

Ser Leu Arg Arg Pro Ser Val Arg Cys Arg Trp Ile Pro Leu Val Thr
100 105 110

Ala Arg Val Ala Cys Ala Ala Cys His Ala Gly Thr Pro Pro Leu Cys
115 120 125

Ala Phe Leu Gly Arg Cys Ser Ile Thr Ala Cys Cys Thr Ser Phe Cys
130 135 140

Phe	Ser	Leu	Phe	Thr	Ala	Phe	Val	Cys	Pro	Val	Ala	Cys	Met	His	Arg
145					150						155				160

<210> 119
<211> 121
<212> PRT
<213> *Homo sapien*

<400> 119

Met Arg Glu Lys His Asn Arg Arg Arg Gln Gln Pro Asp Asp Thr
1 5 10 15

Gln Arg Glu Ser Lys Lys Pro Gln Gln Ser Ser Thr Lys Thr Thr Gln
20 25 30

Thr His Lys Val Ile Pro Tyr His His Asp His Ser Pro Thr Thr Gln
 35 40 45

His Arg Lys Asp Lys Asn Val Lys Ala Arg Asp Gln Pro His Pro Asn
50 55 60

Ile Ala Glu Asn Asp Glu Thr Pro Gln Lys Val Asn Asn Met Met Lys
 65 70 75 80

Asp Lys His Asn Lys Ala Lys Pro Asn Thr Lys Gln Ala Lys Lys Gly
 85 90 95

Lys Lys Asn Arg His Asp Ser Asp Ser Arg Ser Thr Lys Arg Ile Arg
 100 105 110

Arg Lys Gln Ile Lys Thr Thr Asp Arg
 115 120

<210> 120

<211> 15

<212> PRT

<213> Homo sapien

<400> 120

Met Trp Ala Thr Val Val Leu Leu Arg Gln Lys Lys Lys Arg Thr
 1 5 10 15

<210> 121

<211> 97

<212> PRT

<213> Homo sapien

<400> 121

Met Lys Lys Glu Ile Phe Pro Leu Phe Ser Asn Arg Pro Ser Ser Pro
 1 5 10 15

Thr His Glu Ser Tyr Pro His Leu Leu Leu Leu Pro Val Arg Lys Tyr
 20 25 30

Gly Ser Cys His Thr His Pro Asp Ala Ser Val Leu Pro Pro His Cys
 35 40 45

Leu Ser Asn Val Ser Leu Ser Leu Gln Cys Phe Asp Arg Lys Gly Gln
 50 55 60

Arg Thr Leu Gly Ser Gly Thr Arg Val Phe Thr Leu Gln Ala Leu Met
 65 70 75 80

Glu Phe Glu Gln Asn Pro Ala Ser Phe Ile Thr Val Arg Ser Gly Trp
 85 90 95

His

<210> 122

<211> 19
 <212> PRT
 <213> Homo sapien
 <400> 122

Met Glu Thr His Leu Glu Ala Phe Pro Trp Gln Ser Val Thr Arg Ile
 1 5 10 15

Pro Asn Leu

<210> 123
 <211> 59
 <212> PRT
 <213> Homo sapien
 <400> 123

Met Ser Val Thr Phe Thr Cys Gly His Leu Tyr Lys Gln Cys Ser Phe
 1 5 10 15

Asn Ser Asn Gly Ala Leu Thr Tyr Gly Gly Lys Lys Thr Thr Arg
 20 25 30

Ser Asn Trp Ser Cys Gly Asn Asn Asn Ser Pro Leu Leu Leu Asn His
 35 40 45

Pro Tyr Ala Ala Gly His Val Leu Arg Ala Pro
 50 55

<210> 124
 <211> 41
 <212> PRT
 <213> Homo sapien
 <400> 124

Met Ala Ala Ala Met Ser Pro Ile Pro Leu Ala Phe Ser Asp Leu Ala
 1 5 10 15

Thr Ser Ser Ser Arg Gly Arg Val Ser Tyr His Pro Ala Leu His Leu
 20 25 30

Gly Ser Pro Cys Asp Tyr Phe Asp Gln
 35 40

<210> 125
 <211> 84
 <212> PRT
 <213> Homo sapien
 <400> 125

Met Gly Gln Arg Leu Leu Val Leu Phe Arg Cys Pro Gly Ala Arg Thr
 1 5 10 15

Val Cys Thr Ser Ser Thr Glu Ser Gln Phe Gln Pro Asp Leu Leu Lys
 20 25 30

Cys Val Thr Lys Gly Val Ala Glu Phe Glu His Ile Ala Tyr Leu Lys
 35 40 45

Leu Gln Ile Ala Thr Met Trp Val Ser Lys Leu Asp Tyr Phe Cys Leu
 50 55 60

Tyr Gly Thr Ala Leu Thr His Ser Pro Ser Trp Ser Ser Gln Leu Gly
 65 70 75 80

His Ser Cys Leu

<210> 126

<211> 28

<212> PRT

<213> Homo sapien

<400> 126

Met Leu Phe Phe Lys Lys Leu Thr Leu Phe Asn Asn Tyr Asn Asp Thr
 1 5 10 15

Glu Arg Cys Pro Ser His Thr Glu Ser Ser Arg Phe
 20 25

<210> 127

<211> 23

<212> PRT

<213> Homo sapien

<400> 127

Met Trp Gly Tyr Leu Pro Ala Leu His Gln Phe Ser His His Asn Leu
 1 5 10 15

Ser Pro Gly Asn Lys Gln Arg
 20

<210> 128

<211> 38

<212> PRT

<213> Homo sapien

<400> 128

Met Gln Ile Met Ile Leu Val Thr Ile Leu Leu Thr Leu Lys Thr Glu
 1 5 10 15

Leu Ser Asp Thr Pro Phe Arg His Gln Thr Gly Tyr Glu Val Ala His
 20 25 30

Thr Trp Asn Arg Pro Lys
 35

<210> 129
 <211> 55
 <212> PRT
 <213> Homo sapien

<400> 129

Met Ser Gln Gly Gly Tyr Cys Pro Ser Cys Phe Gln Ser Leu Ser Lys
 1 5 10 15

Arg Leu Gly Ala Arg Lys Arg Val Phe Val Leu Leu Asn Val Ser Asn
 20 25 30

Glu Cys Thr Val Glu Ala His Gly Glu Ser Leu Arg Trp Arg Glu Lys
 35 40 45

Ser Gln Lys Gly Arg Leu Leu
 50 55

<210> 130
 <211> 171
 <212> PRT
 <213> Homo sapien

<400> 130

Met Ala Lys Phe Val Ile Arg Pro Ala Thr Ala Ala Asp Cys Ser Asp
 1 5 10 15

Ile Leu Arg Leu Ile Lys Glu Leu Ala Lys Tyr Glu Tyr Met Glu Glu
 20 25 30

Gln Val Ile Leu Thr Glu Lys Asp Leu Leu Glu Asp Gly Phe Gly Glu
 35 40 45

His Pro Phe Tyr His Cys Leu Val Ala Glu Val Pro Lys Glu His Trp
 50 55 60

Thr Pro Glu Gly His Ser Ile Val Gly Phe Ala Met Tyr Tyr Phe Thr
 65 70 75 80

Tyr Asp Pro Trp Ile Gly Lys Leu Leu Tyr Leu Glu Asp Phe Phe Val
 85 90 95

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Met Ser Asp Tyr Arg Gly Phe Gly Ile Gly Ser Glu Ile Leu Lys Asn
 100 105 110

Leu Ser Gln Val Ala Met Arg Cys Arg Cys Ser Ser Met His Phe Leu
 115 120 125

Val Ala Glu Trp Asn Glu Pro Ser Ile Asn Phe Tyr Lys Arg Arg Gly
 130 135 140

Ala Ser Asp Leu Ser Ser Glu Glu Gly Trp Arg Leu Phe Lys Ile Asp
 145 150 155 160

Lys Glu Tyr Leu Leu Lys Met Ala Thr Glu Glu
 165 170

<210> 131

<211> 15

<212> PRT

<213> Homo sapien

<400> 131

Met Leu Ser Arg Ser Val Ala Arg Leu Glu Cys Ser Gly Thr Ile
 1 5 10 15

<210> 132

<211> 51

<212> PRT

<213> Homo sapien

<400> 132

Met Leu Phe Leu Gln Met Pro Cys Leu Phe Arg Val Cys Ser Gln Met
 1 5 10 15

Leu Pro Glu Gly Glu Thr Phe Phe Leu Cys Gln Ser Arg Phe Leu Gln
 20 25 30

Ser Ser Ile Thr Pro Gln Lys Val Arg Ser Lys Arg Arg Leu Thr Phe
 35 40 45

Ser Asp Lys
 50

<210> 133

<211> 60

<212> PRT

<213> Homo sapien

<400> 133

Met Cys Val Cys Pro Val Pro Val Tyr Gln Leu Thr Asn Trp Glu Thr

1

5

10

15

Pro Arg Pro Trp Asp Pro Arg Thr Ser Asn Ser Val Ser Gly Met Phe
 20 25 30

Leu Arg Trp Ala Arg Gly Ser Pro Arg Val Phe Phe Phe Phe Phe
 35 40 45

Phe Leu Leu Glu Ala Ile His Lys Lys Leu Phe Ser
 50 55 60

<210> 134

<211> 32

<212> PRT

<213> Homo sapien

<400> 134

Met Phe Pro Gly Asp Phe Ser Ala Phe Lys Leu Leu Glu Thr Ala Glu
 1 5 10 15

Ile Phe Val Lys Ser Lys Leu Phe Trp Lys Asn Glu Leu Ala Cys Ser
 20 25 30

<210> 135

<211> 136

<212> PRT

<213> Homo sapien

<400> 135

Met Phe Pro Arg Ile Leu Phe Ser Tyr Tyr Pro Ala Leu Tyr Phe Phe
 1 5 10 15

Val Asn Thr Pro Pro Thr Arg Ile Phe Phe Thr Ser Asp Asn Arg Gly
 20 25 30

Gly Pro Leu Gln Ile Leu Phe Thr Lys Trp Gly Thr Asn Gly Glu Asn
 35 40 45

Lys His Arg Trp Val Trp Val Glu Leu Asn Arg Ser Thr Thr Ser Gly
 50 55 60

Gly Leu Ser Ser Glu Lys Arg His Thr Thr Ser Gly Glu Gly Ala Ser
 65 70 75 80

Pro Pro His Pro Glu Asn Ser Pro Arg Ala Phe Arg Pro Arg Arg His
 85 90 95

Leu Val Val Ala Leu Arg Arg Ala Pro Pro Pro Phe Phe Phe Phe
 100 105 110

Phe Phe Phe Phe Val Phe Leu Ile
 115 120 125

Glu Lys Asn Leu Ser Gln Ile Gln
 130 135

<210> 136
 <211> 33
 <212> PRT
 <213> Homo sapien

<400> 136

Met Tyr Trp Thr Thr Lys Leu Ile Ile Ser Ser Lys Lys Ile Gln Lys
 1 5 10 15

Gln Gln Thr Lys Lys Lys Thr Arg Gly Lys Pro Gly Thr Lys Gly Ser
 20 25 30

Arg

<210> 137
 <211> 29
 <212> PRT
 <213> Homo sapien

<400> 137

Met Met Thr Lys Thr Leu Leu Asn Glu Asn Ser Ile Val Cys Glu Thr
 1 5 10 15

Leu Lys Lys Ser Leu Phe Ile Ser Phe Cys Arg Trp Asn
 20 25

<210> 138
 <211> 62
 <212> PRT
 <213> Homo sapien

<400> 138

Met Gly Leu Pro Met Phe Ala Arg Leu Val Phe Glu Leu Leu Gly Ser
 1 5 10 15

Lys Pro Ile Pro Thr His Leu Gly Pro Pro Gln Ser Ala Gly Asn Tyr
 20 25 30

Arg His Glu Pro Leu His Leu Pro Ala Leu Val Thr Leu Asn Glu Leu
 35 40 45

Leu Asn Leu Cys Ile Ser Ile Ser Leu Leu Ala Lys Trp Arg
 50 55 60

<210> 139
 <211> 84
 <212> PRT
 <213> Homo sapien

<400> 139

Met Ala Val Gly Arg Gly Leu Pro Gly Val Thr Ala Lys Leu Cys Val
 1 5 10 15

His Arg Gln Ala Gly Arg Met Leu Gln Pro Cys Gly Val Gly Thr Val
 20 25 30

Glu Ala Phe Leu Cys Val Ala Glu Asn Val Ser Gln Ile Ser Gly Asn
 35 40 45

Trp Asp Arg Lys Val Pro Arg Gly Ala Cys Met Gly Arg Leu Gln Lys
 50 55 60

Val Ser Pro His Phe Met Phe Val Ile Ala Ala Gln Asp Arg Gln Thr
 65 70 75 80

Pro Arg Gly Trp

<210> 140
 <211> 72
 <212> PRT
 <213> Homo sapien

<400> 140

Met Leu Ile Lys His Phe Thr Phe Ile Ile Lys Tyr Val Ala Met Phe
 1 5 10 15

Phe
 20 25 30

Phe Phe Phe Ser Leu Ser Pro Ser Phe Phe Phe Phe Tyr Ser Pro Ser
 35 40 45

Gly Thr Pro Arg Gly Gly Glu Gly Asp Arg Gly Thr Arg Arg Glu Gly
 50 55 60

Ala Arg Arg Glu Arg Ala Arg Arg
 65 70

<210> 141

<211> 76
 <212> PRT
 <213> Homo sapien

<400> 141

Met Gly Lys Lys Ala Leu Asp Gln Leu Arg Ile Leu Arg Arg Leu Pro
 1 5 10 15

Ser Gln Gly Trp Pro Val Lys Gly Cys Ile Leu His Thr Arg Ile Asp
 20 25 30

Leu Thr Gln Gln Gln Arg Glu Lys Thr Ser Gln Ala Gln Ser Leu Ser
 35 40 45

Pro Cys Gly Ser Ile Phe Thr Ile Ser Val Ser Cys Arg Gln Ser Asn
 50 55 60

Trp Arg Tyr Gln Ala Ile Pro Gln Ile Leu Leu Phe
 65 70 75

<210> 142
 <211> 32
 <212> PRT
 <213> Homo sapien

<400> 142

Met Leu Ile Ser Arg Ile Ser Asn His Leu Leu Lys Phe Tyr Ala Leu
 1 5 10 15

Ile Gly Val Ala Ile Gln Asp Phe Lys Lys Ile Phe Glu Pro Ser Gln
 20 25 30

<210> 143
 <211> 108
 <212> PRT
 <213> Homo sapien

<400> 143

Phe Leu Arg Gln Ser Leu Arg Ser Val Ala Gln Ala Gly Val Gln Ala
 1 5 10 15

Arg His Leu Gly Ser Leu Gln Pro Leu Ser Leu Arg Phe Lys Ala Phe
 20 25 30

Ser Cys Leu Ser Leu Leu Ser Ser Trp Asp Tyr Arg His Ala Pro Pro
 35 40 45

His Pro Ala Asn Phe Phe Val Phe Leu Val Glu Met Gly Phe Thr Val
 50 55 60

Leu Ala Arg Met Val Ser Ile Ser Ala Thr His Asp Pro Pro Ala Leu
 65 70 75 80

Ala Cys Gln Ser Ala Gly Ile Thr Gly Ala Arg Arg His Pro Arg Leu
 85 90 95

Ile His Ile His Phe Leu Ile Phe Glu Tyr Gln Ser
 100 105

<210> 144
 <211> 199
 <212> PRT
 <213> Homo sapien

<400> 144

Met Thr Thr His Glu Pro His Pro Arg His Lys His Ala Thr Thr Pro
 1 5 10 15

Ala Arg Thr His Pro Pro Asn His Glu Pro His Thr Pro Pro His Thr
 20 25 30

Thr Pro Thr Ser Pro Thr Thr Pro Ala Thr Thr Pro Arg Thr His
 35 40 45

Thr Thr Thr Pro Thr Thr Ala Gln Thr Arg Arg Asp Arg Thr Ala Glu
 50 55 60

Lys Thr Thr Gln Arg Gly Lys Glu Asp Asn Asp Ala Glu Gly Arg
 65 70 75 80

Arg Lys Arg Gly Pro Ile Thr Pro Pro Ala Ser Gly Ala Glu Ser Arg
 85 90 95

Gly Gly Leu Ala Arg Arg Ala Arg Trp Pro Pro Ala Asn Thr Thr Arg
 100 105 110

His Ala Thr Asn Asp Pro Thr His Gln Arg Thr Ala Gln Gln Gln Arg
 115 120 125

Arg Thr Ala Arg Asp Gln Arg Gly Thr Ala Asp Arg His Thr Asp Ala
 130 135 140

Arg Gly His Asp Gln Arg Arg Arg Thr Thr Gly Asp Asp Thr Arg Gln
 145 150 155 160

Ala Thr Gln Arg Ala Gln Pro Thr Gly Arg Glu Glu Lys Arg Gly Lys
 165 170 175

Lys Asn Ala Lys Ala Arg Pro Ala Ala Asn Arg Gly Ala Asn Gly Pro
 180 185 190

Gln Ala Ala Ala Ala His Glu
 195

<210> 145
 <211> 88
 <212> PRT
 <213> Homo sapien

<400> 145

Met Arg Gly Ile Asn Pro Asp Pro Ser Val Cys Gly Ile Cys Asp Phe
 1 5 10 15

Tyr Ser Ser Lys Val Ser Ile His Val Pro His Ser Glu Leu Ser Gln
 20 25 30

Lys Asn Phe Ile Thr Leu Phe Ile Phe Phe Leu Arg Gly Lys Phe Lys
 35 40 45

Gln Arg Lys Ser Leu Ala Gly Tyr Thr Gln Trp Leu Ile Gly Val Asp
 50 55 60

Leu Arg Gly Gly Asp Asn Cys Val Tyr Ser Arg Ser His Thr Ser Pro
 65 70 75 80

His Asn Tyr Tyr Arg Thr Asn Thr
 85

<210> 146
 <211> 63
 <212> PRT
 <213> Homo sapien

<400> 146

Met Trp Glu Gln Asn Phe Ile Cys Ala Phe Ile Val Glu Gln Glu Ser
 1 5 10 15

His Leu Ala Leu Tyr Pro Ser Ser Leu Leu Tyr Asn Ser His Arg Asn
 20 25 30

Val Ile Lys Leu Ala Ser Asn Trp Thr Arg Arg Lys Arg Trp Glu Thr
 35 40 45

Pro Gly Ser Ile Ser Arg Val Arg Pro Pro Glu Lys Gly Ser Val
 50 55 60

<210> 147
 <211> 50
 <212> PRT
 <213> Homo sapien

<400> 147

Met Arg Pro Pro Ile Thr Leu Leu Gly Ala Arg Asp Lys Asn Lys Lys
 1 5 10 15

Ser Trp Ala Val Pro Arg Gly Ala Ser Ala Trp Cys Pro Gly Gly Lys
 20 25 30

Met Gly Asn Pro Ala His Asn Pro Pro Thr Thr Ile Pro Ala Gln Arg
 35 40 45

Thr Arg
 50

<210> 148
 <211> 36
 <212> PRT
 <213> Homo sapien

<400> 148

Met Pro Gln Gly Lys Lys Tyr Asn Thr Tyr Ile His Lys Gln Lys Lys
 1 5 10 15

Gln Glu Arg Ile Gln Met Ser Phe Asn Arg Gly Met Leu Thr Leu Met
 20 25 30

Val Ala Tyr Ser
 35

<210> 149
 <211> 98
 <212> PRT
 <213> Homo sapien

<400> 149

Met Ser Ser Ser Ala Pro Thr Pro Trp Gly Ala Lys Gly Glu Leu
 1 5 10 15

Trp Arg Pro Glu Lys Pro Thr Phe Ser Thr His Gly Glu His Arg Tyr
 20 25 30

Glu Pro His Trp Ser Asn Pro Gln Ala Leu Phe Phe Phe Leu Phe Phe
 35 40 45

Phe Phe Phe Phe Arg Lys Arg His Val Ile Tyr Phe Met Asn Ser
 50 55 60

Ile Ser Arg Leu Ser Gly Asn Met Glu His Trp Gly Thr Asp Pro Ser
 65 70 75 80

Thr Glu Gly Phe Ala Ser Leu Leu Trp Phe Ser Cys Gln Leu Met Ile
 85 90 95

Arg Pro

<210> 150

<211> 94

<212> PRT

<213> Homo sapien

<400> 150

Met Cys His Leu Leu Ile Phe Ile Arg Asn Leu Ser Leu Val Ala Thr
 1 5 10 15

Trp Pro Asn Thr Leu Gln Ser Met Ser Val Cys Leu Ser Val Cys Val
 20 25 30

Ser Leu Cys Val
 35 40 45

Cys Val Ser Pro His Ser Phe Ile Leu Ser Leu His Ser Ser Ile Ile
 50 55 60

Ile Asn Ile Arg Glu Ile His Arg Lys Tyr Ile Glu Lys Ile Thr Val
 65 70 75 80

Phe Ser Ile Lys Lys Gln Leu Pro Ser Leu His Ser Phe
 85 90

<210> 151

<211> 260

<212> PRT

<213> Homo sapien

<400> 151

Leu Arg Arg Ala Lys Ala His Glu Gly Leu Gly Phe Ser Ile Arg Gly
 1 5 10 15

Gly Ser Glu His Gly Val Gly Ile Tyr Val Ser Leu Val Glu Pro Gly
 20 25 30

Ser Leu Ala Glu Lys Glu Gly Leu Arg Val Gly Asp Gln Ile Leu Arg
 35 40 45

Val Asn Asp Lys Ser Leu Ala Arg Val Thr His Ala Glu Ala Val Lys
 50 55 60

Ala Leu Lys Gly Ser Lys Lys Leu Val Leu Ser Val Tyr Ser Ala Gly
 65 70 75 80

Arg Ile Pro Gly Gly Tyr Val Thr Asn His Ile Tyr Thr Trp Val Asp
 85 90 95

Pro Gln Gly Arg Ser Ile Ser Pro Pro Ser Gly Leu Pro Gln Pro His
 100 105 110

Gly Gly Ala Leu Arg Gln Gln Glu Gly Asp Arg Arg Ser Thr Leu His
 115 120 125

Leu Leu Gln Gly Gly Asp Glu Lys Lys Val Asn Leu Val Leu Gly Asp
 130 135 140

Gly Arg Ser Leu Gly Leu Thr Ile Arg Gly Gly Ala Glu Tyr Gly Leu
 145 150 155 160

Gly Ile Tyr Ile Thr Gly Val Asp Pro Gly Ser Glu Ala Glu Gly Ser
 165 170 175

Gly Leu Lys Val Gly Asp Gln Ile Leu Glu Val Asn Gly Arg Ser Phe
 180 185 190

Leu Asn Ile Leu His Asp Glu Ala Val Arg Leu Leu Lys Ser Ser Arg
 195 200 205

His Leu Ile Leu Thr Val Lys Asp Val Gly Arg Leu Pro His Ala Arg
 210 215 220

Thr Thr Val Asp Glu Thr Lys Trp Ile Ala Ser Ser Arg Ile Arg Glu
 225 230 235 240

Thr Met Ala Asn Ser Ala Gly Ser Gly His Ser Ala Arg Ser Asn Leu
 245 250 255

Gln Thr Pro Gly
 260

<210> 152

<211> 95

<212> PRT

<213> Homo sapien

<400> 152

Met Trp Val Leu Val Leu Gly Ala Leu Leu Ala Gly Ile Ile Pro Leu
 1 5 10 15

Cys Tyr Ser Pro Gly Ile Gln Arg Phe Leu Pro Pro Trp Gly Leu Pro
 20 25 30

Pro Thr Ala Phe Cys Arg Gln Cys Val Phe Ala Leu Val Ser Cys Gly
 35 40 45

Ala Arg Gly Ser Arg Ser Ala Gly Gly Val Ser Gly Gly Ala Pro Arg
 50 55 60

Cys Ala Pro Leu Phe Ile Trp Gly Ile Cys Val Cys Gly Gly Ser Pro
 65 70 75 80

Pro Trp Phe Ala Val Cys Arg Ala Cys Gly Ser Pro Arg Ser Val
 85 90 95

<210> 153

<211> 62

<212> PRT

<213> Homo sapien

<400> 153

Met Phe Ser Val Val Val Trp Cys Leu Leu Val Arg Cys Val Val Val
 1 5 10 15

Asn Cys Gly Glu Leu Trp Arg Gly Ile Thr Asn Val His Pro Gly Gly
 20 25 30

Pro Ala Tyr Glu Pro Glu Ala Thr Pro Gln Ala Phe Phe Cys Phe
 35 40 45

Phe Phe Leu Leu Val Lys Glu Pro Ser Phe Ile Ile Lys Gln
 50 55 60

<210> 154

<211> 65

<212> PRT

<213> Homo sapien

<400> 154

Met Arg Leu Ile Gln Lys Arg Arg Ile Tyr Pro Ser Arg Lys Thr Glu
 1 5 10 15

Ile Asn Ser Ser Ser Pro Phe Thr Tyr Pro Pro Tyr Thr His Thr Tyr
 20 25 30

Asn Thr His Thr His Thr His Thr Glu Arg Glu Arg Asp Leu Pro Gly
 35 40 45

Gly Ile His His Leu Arg Arg Ser Ser Asn Ala Ile Asn Gly Pro Phe
 50 55 60

Ala
 65

<210> 155
 <211> 51
 <212> PRT
 <213> Homo sapien

<400> 155

Met Ile Cys Ile Pro Leu Arg Lys Asn Ser Ser Trp Glu Phe Ile Arg
 1 5 10 15

Leu Phe Phe Ile Pro Ala His Lys Lys Lys Leu Leu Ala Leu Leu Leu
 20 25 30

Leu Lys Thr Glu Glu Pro Gln Glu Lys Ile Ser Phe Ser Tyr Arg Ala
 35 40 45

Lys Ile Lys
 50

<210> 156
 <211> 129
 <212> PRT
 <213> Homo sapien

<400> 156

Met Leu Leu Glu Arg Pro Gln Cys Asp Gly Cys Ala Arg Ala Gly Thr
 1 5 10 15

Ala Phe Phe Phe Phe Phe Leu Gly Asn Gly Ile Leu Leu Cys His
 20 25 30

Pro Gly Trp Ile Lys Val Ala Gln Pro Trp Phe Thr Glu Thr Ser Ala
 35 40 45

Ser Trp Val Val Phe Lys Asn Ile Leu Leu Phe Ser Cys Val Leu Ser
 50 55 60

Ala Ser Pro Lys Leu Ala Val Gly Leu Thr Gly Leu Ala Thr Thr Ala
 65 70 75 80

Thr Gln Leu Asn Phe Val His Val Phe Ser Lys Ala Arg Gly Phe Ser

83

85

90

95

Leu Asn Leu Phe Gly Pro Gly Val Val Ser Arg Leu Leu Arg Glu Pro
100 105 110

Gln Val Thr Pro Ser Val Pro Ser Arg Leu Leu Lys Met Trp Leu Val
115 120 125

Tyr

<210> 157

<211> 71

<212> PRT

<213> Homo sapien

<400> 157

Met Ile Arg Gln Ala Val Phe Asn Ala Val Tyr Asn Cys Phe Ile Ile
1 5 10 15

Ser Cys Ser Asp Cys Ser Leu Leu Val Cys Arg Asn Thr His Leu Phe
20 25 30

Cys Asp Pro Cys Leu Gln Pro His Ser Leu Ile Ile Phe Ile Leu Ile
35 40 45

Ala Ile Leu Arg Met Cys Ser Ile Tyr Arg Asp Pro Ile Ile Leu Val
50 55 60

Glu Leu Lys Ile Cys Leu Cys
65 70

<210> 158

<211> 69

<212> PRT

<213> Homo sapien

<400> 158

Met Arg Leu Pro Leu His His Val Leu Pro Leu Arg Asp Leu Ser Phe
1 5 10 15

Gln His Tyr Ser Cys Lys Leu Gln Trp His Ser Thr Thr Phe Ile Pro
20 25 30

Ser Ser Cys His Ser Leu Phe Phe His Ser Phe Leu Thr Val Cys Thr
35 40 45

Pro Met Tyr Ala Ala Ile Phe Ile Ile Leu His Phe Leu Tyr Leu Ser
50 55 60

Ile Pro Asn Ile Leu
65

<210> 159
<211> 57
<212> PRT
<213> Homo sapien

<400> 159

Met Ser His Cys Thr Gln Pro Gly Glu Ser Phe Ile Met Gly Tyr Glu
1 5 10 15

Val Tyr Arg Leu His Ser Asp Ser Thr Lys Leu Asp Phe Met Arg Ile
20 25 30

Gln Leu Gln Leu Thr Phe Thr Ser Gly Leu Thr Leu Lys Arg Lys Ile
35 40 45

Val Ser Gln Lys Asp Leu Trp Tyr Met
50 55

<210> 160
<211> 102
<212> PRT
<213> Homo sapien

<400> 160

Met Tyr His Phe Ser Thr Leu Arg Ala Cys Leu Gly Pro Phe Phe Cys
1 5 10 15

Val Arg Cys Leu Gln Thr Ile Leu Thr Ile Leu Glu Arg Ala Leu Pro
20 25 30

Arg Arg Glu Ser Arg Gly Thr Phe Leu Phe Ser Gln Lys Lys Pro Arg
35 40 45

Val Ile Arg Phe Pro Pro Gly Gly Leu Leu Asn Gln Glu Val
50 55 60

Asp Leu Leu Ala Ser Ile Ser Val Tyr Asn Pro Gln Pro Ser Gly Val
65 70 75 80

Thr Thr Gly Leu Gln Arg Val Cys Asp Asn Val Ser Asn Ala Glu Lys
85 90 95

Lys Thr Pro Ser Pro Val
100

<210> 161
 <211> 70
 <212> PRT
 <213> Homo sapien

<400> 161

Met Val Met Cys Gln Pro Glu Gly Asn Val Tyr Ala Val Leu Arg Ser
 1 5 10 15

Pro Leu Phe Leu Glu Asn Gln Gln Asn Arg Ala Asp His Leu Ala Tyr
 20 25 30

His Phe Cys Val Leu Leu Val Pro Gly Ile Gly Leu Trp Phe Asp His
 35 40 45

Cys Cys Asp His Cys Ser Ala Asp Cys Asp Leu Gln Asn Thr Glu Ser
 50 55 60

Lys Leu Gln Ser Pro Trp
 65 70

<210> 162
 <211> 59
 <212> PRT
 <213> Homo sapien

<400> 162

Met Gly Cys His Lys Ser Gly Thr Gly Gly Phe Leu Ser Arg Gly Lys
 1 5 10 15

Arg Thr Glu Pro Ala His His Val Met Pro Cys His Leu Arg Ile Leu
 20 25 30

His Ser Ser His Gln Glu Glu Gly Pro His Gln Met Gln Pro Leu Asn
 35 40 45

Phe Glu Leu Leu Ser Leu Gln Ser Cys Gln Lys
 50 55

<210> 163
 <211> 84
 <212> PRT
 <213> Homo sapien

<400> 163

Met Thr Thr Gln Thr Gly Asn Gln Leu Asp Ala His Gly Gly Ser Ala
 1 5 10 15

Gln Ala Leu Phe Cys Phe Phe Leu Phe Phe Tyr Leu Lys Tyr Leu

20

25

30

Val Leu Asn Leu Val Gln Leu Asn His Trp Glu Phe Glu Phe Leu Phe
 35 40 45

Lys Ser Cys Leu Trp Ser Ala Ser Tyr Gly Lys Pro Leu His Trp Ile
 50 55 60

Pro Ser Thr Lys Thr Arg Leu Leu Lys Phe Lys Cys Gln Trp Gly Arg
 65 70 75 80

Trp Glu Ala Ala

<210> 164

<211> 41

<212> PRT

<213> Homo sapien

<400> 164

Met Cys His His His Gly Asn His Ala Phe Trp Ala Pro Leu Gly Val
 1 5 10 15

Thr Ala Pro Ser Ala Val Leu Phe Cys Phe Val Phe Leu Phe Cys Phe
 20 25 30

Phe Ser Gln Leu Gly Lys Phe Asn Ile
 35 40

<210> 165

<211> 51

<212> PRT

<213> Homo sapien

<400> 165

Met Arg Leu Phe Phe Thr Ser Leu Ser Gln Gly Cys Phe Phe Leu Val
 1 5 10 15

Ile Cys Leu Leu Cys Phe Ile Arg Tyr Phe Ala Gln Ile Lys His Ser
 20 25 30

Pro Gly Ala Gln Lys Lys Lys Lys Lys Lys Lys Lys Arg Pro Arg
 35 40 45

Arg Asp His
 50

<210> 166
 <211> 31

<212> PRT

<213> Homo sapien

<400> 166

Met	Trp	Leu	Val	Phe	Pro	Leu	Tyr	Ile	Lys	Met	Leu	Leu	Ser	Gly	Ile
1					5					10					15

Ala	Gln	Asp	Pro	Gln	Thr	Asn	Arg	Asp	Tyr	Leu	Pro	Arg	Thr	Lys
						20				25				30

<210> 167

<211> 74

<212> PRT

<213> Homo sapien

<400> 167

Met	Ser	His	Thr	Pro	Val	Thr	Tyr	Pro	Ala	Arg	Gly	Ser	Gly	Asn	Ser
1					5			10						15	

Pro	Ile	Ser	Ala	Cys	Val	Ile	Phe	Gln	Trp	Trp	Cys	Ser	Glu	Val	Cys
					20			25						30	

Leu	Pro	Met	Ala	Ser	Gln	Pro	Val	Ala	Gly	Val	Leu	Trp	Met	Gly	Leu
						35		40			45				

Pro	Ser	Met	Val	Pro	Leu	Leu	Ser	Gln	Glu	Thr	Gly	Glu	Asn	Glu	Ala
					50			55			60				

Phe	Ser	Arg	Val	Phe	Glu	Val	Ala	Asn	Ala
					65		70		

<210> 168

<211> 229

<212> PRT

<213> Homo sapien

<400> 168

Met	Ser	Leu	Leu	Cys	Leu	Leu	Leu	Ser	Phe	Leu	Leu	Phe	Tyr	Phe	Ser
1					5			10					15		

Ala	Leu	Val	Phe	Ser	Tyr	Ala	Ser	Leu	Phe	Pro	Leu	Val	Ala	Ser	Cys
						20		25					30		

Cys	Ser	Val	Leu	Phe	Val	Phe	Met	Arg	Ser	Gly	Gly	Leu	Cys	His	Val
						35		40				45			

Cys	Gly	Leu	Ala	Leu	Phe	Val	Cys	Phe	Leu	Leu	Val	Gly	Leu	Leu	Arg
						50		55			60				

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Leu Arg Ser Pro Leu Tyr Thr Pro Leu Ser Val Ala Phe Arg His Ser
 65 70 75 80

Arg Arg Val Ser Phe Cys Cys Ala Phe Arg Val Ser Val Val Val Ser
 85 90 95

Leu Arg His Val Val Cys Val Arg Cys Val Ser Phe Met Val Leu Phe
 100 105 110

Ser Phe Ser Ser Leu Phe Ala Val Leu Leu Phe Val Arg Ser Phe Ser
 115 120 125

Leu Trp Phe Ala Phe Cys Ser Leu Val Pro Phe Leu Cys Ala Leu Val
 130 135 140

His Val Leu Phe Phe Arg Leu Leu Phe Leu Ser Ser Phe Val Val Leu
 145 150 155 160

Leu Ile Met Leu Phe Phe Val Leu Leu Phe Leu Thr Leu Leu Ser Cys
 165 170 175

Phe Ser Leu Ser Arg Pro Phe Cys Ser Phe Leu Cys Leu Tyr Ala Ser
 180 185 190

Met Ser Val Cys Leu Gly Arg Ala Arg Gly Cys Val Ile Ala Gly Ser
 195 200 205

Gly Arg Leu Leu Ala Ile Tyr Arg Leu Met Arg Cys Leu Val Ser Pro
 210 215 220

Cys Leu Leu Leu Ala
 225

<210> 169
 <211> 34
 <212> PRT
 <213> Homo sapien

<400> 169

Met Leu Gly Phe Leu Ala His Phe Gln Arg Phe Ala Arg Lys Lys Val
 1 5 10 15

Pro Lys His Gln Leu Ile Ser Ser Ser Leu His Val Gly His Gly Asn
 20 25 30

Ile Ser

<210> 170
 <211> 51
 <212> PRT
 <213> Homo sapien

<400> 170

Met Gly Met Gly Ala Gly Lys Pro Phe His Thr Arg Thr Ser Cys Arg
 1 5 10 15

Pro Trp Leu Pro Pro His Leu Phe Phe Phe Phe Phe Ser Glu Val
 20 25 30

Asn Leu Asp Leu Cys Leu Phe Thr Pro His Tyr Val Lys Thr Gly Ala
 35 40 45

Ser Phe Leu
 50

<210> 171
 <211> 46
 <212> PRT
 <213> Homo sapien

<400> 171

Met Cys Pro Cys Lys Arg Val Phe Ala Asp Thr Thr Ser Phe Ile Thr
 1 5 10 15

Gln Gly Pro Gln Phe Ile Pro Phe Pro Gln Glu Val Pro Pro Pro Leu
 20 25 30

Ser Glu Gly Lys Asn Phe Pro Ala Val Asn Tyr Arg Ala Tyr
 35 40 45

<210> 172
 <211> 45
 <212> PRT
 <213> Homo sapien

<400> 172

Met Ala Val Ala Phe Gln Ser Leu Ile Pro Trp Gly Leu Gln Leu Cys
 1 5 10 15

Val Asn Lys Val Ala Ala Asp Glu Leu Val Leu Thr Arg Lys Met Lys
 20 25 30

Ala Lys Tyr Ala Ser Ile Ser Ser Arg Gln His Thr Asp
 35 40 45

<210> 173
 <211> 59

<212> PRT
 <213> Homo sapien

<400> 173

Met Met Lys Leu Arg Trp Arg Ile Leu Lys Pro Gly Ala Glu Val Thr
 1 5 10 15

Met Lys Arg Asn Val Gln Leu His Ser Ser Leu Gly Thr Glu Glu Asp
 20 25 30

Leu His Arg Lys Lys Lys Lys Lys Ser Leu Val His Gly Ile
 35 40 45

Cys Pro Cys Val Asn Val Ser Arg Gln Ser Gln
 50 55

<210> 174

<211> 59

<212> PRT

<213> Homo sapien

<400> 174

Met Lys Ile Gly Pro Met Phe Thr Trp Val Glu Thr Tyr Ile Thr His
 1 5 10 15

Leu Gln Leu Gly Pro Leu Cys Gln Thr Ser Phe Gln Thr Gln Arg His
 20 25 30

Ala Gly Ala Ser Ser Leu Ser Ile Asn Gly Ser Ala Val Gly Met Ser
 35 40 45

Ala Val Gly Gly Leu Leu Leu Gly Glu Ser His
 50 55

<210> 175

<211> 74

<212> PRT

<213> Homo sapien

<400> 175

Met Phe Thr Ile His Arg Val Arg Ile Pro His Lys Ile Phe Arg Arg
 1 5 10 15

Pro His Ile Leu Ile Gly Ser Val Pro Ile Pro Ser Leu Phe Arg Gly
 20 25 30

Pro Lys Leu Phe Phe Thr Ser Ser Ser Ala Ile Met Gly Asn Pro Phe
 35 40 45

Val Val Tyr Thr His Lys Arg Val Gly Arg Trp Asn Lys Pro Leu Tyr
 50 55 60

Val Met Leu Leu Met Lys Val Ile Ser Leu
 65 70

<210> 176
 <211> 73
 <212> PRT
 <213> Homo sapien

<400> 176

Met Gln Ser Gln Leu His Ser Tyr Phe Phe Glu Arg Arg Ala Arg Phe
 1 5 10 15

His Thr Leu Cys Ala Arg Asn Ile Asn Ile Ser Ser Ser Leu Gln Glu
 20 25 30

Glu Val Pro Thr Ile Leu Val Met Pro His Ser Lys Lys Thr Ile Phe
 35 40 45

Val Glu Lys Leu Phe Phe Gly Ala Thr Ala Phe Ala Leu Lys Asn Cys
 50 55 60

Cys Leu Phe Thr Pro Pro Thr Tyr Phe
 65 70

<210> 177
 <211> 129
 <212> PRT
 <213> Homo sapien

<400> 177

Met Ala Val Ser Val Ser Leu Cys Ser Ser Pro Arg Cys Leu Ser Leu
 1 5 10 15

Leu Phe Val Ala Ser Ala Arg Ala Thr Arg Pro Leu Leu Val Leu Ser
 20 25 30

Val Val His Ser Arg Ser Trp Leu Val Leu Ser Cys Ala Phe Leu Ser
 35 40 45

Ser Gly Ser Cys Pro Arg Arg Leu Leu Val Ser Cys Tyr Arg Val Gly
 50 55 60

Cys Val Ser Pro Ser Gly Ala Ser Phe Ser Ser Ser Ala Ser Ser Ser
 65 70 75 80

Ala Pro Phe Cys Trp Val Gly His Phe Cys Pro Arg Gly Asp Ser Arg

92

85

90

95

Val Ile Pro Gly Glu Ser Thr Met Gly Met Arg His Thr Thr Cys Tyr
100 105 110

Arg Arg Thr His Gly Arg Trp Phe Val Gly Cys Phe Val Val Val Cys
115 120 125

Phe

<210> 178

<211> 52

<212> PRT

<213> Homo sapien

<400> 178

Met Leu Gly Ile Val Gly Pro Gly Thr His Phe Thr Pro Gly Asp Tyr
1 5 10 15

Arg Phe Gly Ala Leu Gly Val Ala Pro Ser Arg Phe Arg Cys Val Tyr
20 25 30

Glu Cys Val Ser Ser Lys Arg Lys Lys Gly Thr Leu Asn Asn Pro Leu
35 40 45

Gly His Ser Gly
50

<210> 179

<211> 90

<212> PRT

<213> Homo sapien

<400> 179

Met Met Phe Tyr Thr Gln Thr Pro Val Phe Val Pro Phe Val Pro Pro
1 5 10 15

Asn Asn Ile Cys Pro Leu Ile Met Asn Tyr Tyr Thr Gln Ser Ala Ile
20 25 30

Pro Gly Val Tyr Thr Pro Tyr Leu Arg Tyr Lys Phe Ser Pro Lys Ile
35 40 45

Val Lys Lys Lys Pro Pro Phe Leu Asn Asn Lys Thr Phe Val Pro
50 55 60

Trp Asn Lys Arg Lys Phe Leu Pro Leu Pro Lys Lys Lys Lys Lys Lys
65 70 75 80

Lys Lys Gly Gly Gly Thr Cys Pro Ala Ala
85 90

<210> 180
<211> 142
<212> PRT
<213> *Homo sapien*

<400> 180

Met Ser Met Ser Cys Gly Ala Gly Ala Pro Leu Arg Val Cys Val Ser
1 5 10 15

Trp Trp Leu Trp Val Gly Gly Arg Val Gly Ala Val Val Arg Pro Arg
20 25 30

Ala Leu Trp Ser Ala Trp Gly Ala Val Gly Gly Gly Leu Leu Cys Val
35 40 45

Val Ala Leu Phe Trp Leu Cys Ala Gly Arg Arg Gly Ala Arg Leu Pro
50 55 60

Pro Ser Pro Cys Gly Ala Val Ala Val Ala Ala Val Asp Ala Gly Ala
65 70 75 80

Ala Gly Gly Val Val Arg Gly Gly Gly Val Val Val Val Val Gly Arg Trp
85 90 95

Leu Gly Arg Leu Gly Trp Val Val Gly Arg Val Cys Ala Arg Gly Pro
100 105 110

Cys Leu Cys Arg Gly Gly Ala Trp Ala Gly Ala Ala Gly Arg Gly Gly
115 120 125

Gly Gly Arg Arg Gly Arg Arg Gly Arg Ala Arg Gly Pro Gly
130 135 140

210 181

<210> 18.

<211> 80

<212> PRI

5400> 181

Phe Phe Phe Phe Lys Lys Lys Lys Lys Leu Leu Phe Ile Lys Lys
 35 40 45

Gly Gly Gly Gly Ala Arg Gly Gly Gly Arg Ala Pro Gly Gly Gly
 50 55 60

Gly Gly Gly Glu Lys Thr Thr Lys Lys Arg Arg Thr Thr Ser Gly Pro
 65 70 75 80

<210> 182

<211> 72

<212> PRT

<213> Homo sapien

<400> 182

Met Leu Glu Arg Arg Ser Val Met Asp Glu Arg Arg Pro Gly Arg Phe
 1 5 10 15

Phe Leu Glu
 20 25 30

Lys Lys Phe Phe Lys Asn Pro Gln Lys Phe Pro Gly Gln Gly Gly Leu
 35 40 45

Pro Pro Gly Lys Lys Lys Lys Lys Lys Ile Trp Ala Leu Trp Gly
 50 55 60

Leu Pro Leu Ser Leu Val Gly Gly
 65 70

<210> 183

<211> 95

<212> PRT

<213> Homo sapien

<400> 183

Met Arg Pro Pro Lys Phe Tyr Ser Leu Leu Asn Val Ser Pro His Ser
 1 5 10 15

Arg Ala Leu Ser Ile Ala Pro Ser Thr Lys Lys Thr Ser Asn Arg Gly
 20 25 30

Glu Asp Val Arg Arg Gly Glu Val Pro Pro Arg Ala His Ser Arg Cys
 35 40 45

Lys His Cys Thr Thr Pro His Pro Phe Gly Leu Cys Thr Thr Phe
 50 55 60

95

Ser Thr Gly Gly Thr Thr Phe Cys Arg Ser Ser Gln Thr Leu Ser
65 70 75 80

Cys Leu Pro Ser Thr Pro Leu Leu Leu Pro Trp Val Leu Leu Cys
85 90 95

<210> 184

<211> 17

<212> PRT

<213> Homo sapien

<400> 184

Met Gly Glu Asp Lys Gln Asp Leu Phe Ala Phe Ala Ala Leu Ile Phe
1 5 10 15

Leu

<210> 185

<211> 71

<212> PRT

<213> Homo sapien

<400> 185

Met Ala Ala Asp Pro Ala Ser Ala Gln Gly Asp Ser Gly Thr Gly Tyr
1 5 10 15

Val Ser Cys Leu Leu Ser Ile Phe Ala Gly Cys Ala Leu Gln Trp Cys
20 25 30

Ala Leu Leu Leu Leu Cys Leu Phe Phe Leu Arg Leu Phe Phe Gly
35 40 45

Ile Leu Trp Arg Val Thr Pro Val Pro Thr Gly Thr Pro Phe Ala Pro
50 55 60

Glu Ile Met Pro Pro Thr Phe
65 70

<210> 186

<211> 59

<212> PRT

<213> Homo sapien

<400> 186

Met Ala Leu Ser Leu Ala Ala Trp Thr Leu Leu Glu Glu Cys Val Ser
1 5 10 15

Ser Arg Cys Leu Pro Thr Val Met Gly Gly Ser Leu Phe Ile Gly Leu
20 25 30

Leu Leu Cys Leu Leu Ala Ser Met Phe Gly His Val Val Ser Pro Ser
 35 40 45

Trp Phe His Thr Tyr Trp Asn Leu Val Tyr Pro
 50 55

<210> 187
 <211> 80
 <212> PRT
 <213> Homo sapien
 <400> 187

Pro Arg Lys Ala Leu Phe Thr Tyr Pro Lys Gly Ala Ala Glu Met Leu
 1 5 10 15

Glu Asp Gly Ser Glu Arg Phe Leu Cys Glu Ser Val Phe Ser Tyr Gln
 20 25 30

Val Ala Ser Thr Leu Lys Ala Val Lys His Asp Gln Gln Val Ala Arg
 35 40 45

Met Glu Lys Leu Ala Gly Leu Val Glu Glu Leu Glu Ala Asp Glu Trp
 50 55 60

Arg Phe Lys Pro Ile Glu Gln Leu Leu Gly Phe Thr Pro Ser Ser Gly
 65 70 75 80

<210> 188
 <211> 105
 <212> PRT
 <213> Homo sapien
 <400> 188

Met Arg Thr Met Met Thr Cys Asp Lys Ile His His Val Ser Ile Ser
 1 5 10 15

Gln Ser Leu Gln Ile Gln Ser His Asn Glu Pro Leu Met Gln Gln Ser
 20 25 30

His Pro His Ser Leu Ile Ser Leu Gly Asn Ile Thr Ala Tyr Thr Met
 35 40 45

Asn Asn Pro Leu Arg Tyr Ala Asp Ser Ser His His Ser Val Glu Asn
 50 55 60

Ser Ile Leu Leu Thr Val Arg Pro Thr Val Leu Phe Pro Arg Ala Ser
 65 70 75 80

Val Glu Leu Gln Asn Arg Pro Ser Cys Asp Gln Pro Ser Gln Arg Leu
 85 90 95

Met Ser Gln Phe Val Ala Leu Asp Ser
 100 105

<210> 189

<211> 83

<212> PRT

<213> Homo sapien

<400> 189

Met Cys Glu Ser Leu Ala Phe Leu Leu Leu Gln Phe Gly Tyr Phe Ala
 1 5 10 15

Leu Ile Ser Phe Val Asn Ser Ile Leu Tyr Ser Phe Asp Arg Arg Ala
 20 25 30

Tyr Cys Asn Lys Val Lys Ile Ile Ala Gln Lys Ile Leu His Ile Phe
 35 40 45

Ser Thr Asn Pro Tyr Cys Phe Leu Pro Thr Lys Asp Leu Tyr Tyr Ser
 50 55 60

Lys Cys Val Ser Thr Cys Leu Ala Leu Tyr Pro Gln Arg Lys Lys Cys
 65 70 75 80

His Leu Leu

<210> 190

<211> 40

<212> PRT

<213> Homo sapien

<400> 190

Met Ile Thr Pro Leu His Ser Ser Leu Gly Lys Ser Asp Thr Gln Pro
 1 5 10 15

Lys Lys Asn Asn Lys Lys Lys Lys Lys Lys Asn Thr Trp Gly Ile Pro
 20 25 30

Trp Gly Lys Gly Cys Ser Gly Val
 35 40

<210> 191

<211> 75

<212> PRT

<213> Homo sapien

<400> 191

Met	Thr	Asn	Asn	Thr	Pro	Lys	Phe	Leu						
1					5				10				15	

Gly	Glu	Thr	Glu	Ser	Leu	Thr	Leu	Ser	Pro	Arg	Leu	Glu	Cys	Ser	Gly
					20			25				30			

Glu	Ile	Ser	Ala	His	Cys	Asn	Leu	Arg	Leu	Leu	Asp	Ser	Cys	Asp	Ser
						35		40			45				

Pro	Val	Ser	Ser	Phe	Pro	Ser	Ser	Trp	Gly	Tyr	Arg	Arg	Gly	Pro	His
					50			55			60				

Leu	Pro	Gly	Asp	Pro	Ser	His	Cys	Ala	Val	Arg				
65					70				75					

<210> 192

<211> 67

<212> PRT

<213> Homo sapien

<400> 192

Met	His	Phe	Cys	Gln	Leu	Leu	Arg	Thr	Ser	Ser	Leu	Ile	Gly	Met	Cys
1					5				10			15			

Trp	Val	Leu	Arg	Phe	Ser	Tyr	Phe	Phe	Lys	Leu	Cys	Leu	Glu	Phe	Lys
					20			25			30				

Asn	Tyr	Thr	Ser	Leu	Asn	Tyr	Met	Pro	Asn	Ser	Trp	Pro	Thr	Gln	Met
					35			40			45				

Lys	Val	Leu	Val	Leu	Leu	Ser	Val	Ile	Pro	Gly	Leu	Cys	Gly	Asn	Leu
					50			55			60				

Asn Thr Ser

65

<210> 193

<211> 47

<212> PRT

<213> Homo sapien

<400> 193

Met	Trp	Thr	Gly	Asn	Asn	Gln	Ile	Val	His	Pro	Thr	Gly	Thr	Thr	Leu
1						5			10			15			

Trp	Pro	Thr	Glu	Leu	Pro	Ala	Arg	Leu	Phe	Phe	Val	Phe	Phe	Cys	Phe
					20			25			30				

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Phe Leu Ile Lys Cys Leu Tyr Phe Ile Lys Lys Thr Ser Pro Phe
 35 40 45

<210> 194

<211> 68

<212> PRT

<213> Homo sapien

<400> 194

Met Ala His Gly Val Pro Leu Ala Leu Pro Val Val Pro Ala Trp Trp
 1 5 10 15

Gly Cys Ser Arg Arg Leu Leu Ala Pro Gly Phe Ala Thr Pro Leu Leu
 20 25 30

Arg Gly Phe Ala Pro Leu Leu His His Arg Arg Gly Arg Lys Asn Glu
 35 40 45

Lys Lys Glu Glu Phe Leu Arg Val Thr Met Met Asn Thr Trp Gly Leu
 50 55 60

Ala Leu Leu Val
 65

<210> 195

<211> 68

<212> PRT

<213> Homo sapien

<400> 195

Met Thr Asn His Asp Thr Thr Val Gly Val Leu Ile Tyr His Thr His
 1 5 10 15

His Lys Leu Leu Thr Thr Ile Ile Asn Ile Ser Leu Phe Phe Ser Gly
 20 25 30

Glu His Asn Asn Thr Thr Leu Phe Phe Glu Thr His Thr Leu Phe Thr
 35 40 45

Thr Thr Phe Phe Phe His Ser Pro Ser Pro Pro His Phe Pro Gly
 50 55 60

Phe Phe Phe Leu
 65

<210> 196

<211> 122

<212> PRT

100

<213> Homo sapien

<400> 196

Met Asp Ala Ala Arg Ala Gly Lys
1 5 10 15

Lys
20 25 30

Lys Gly Gly Gly Phe Val
35 40 45

Pro Ser Ser Pro Leu Phe Leu Phe Ser Ile Thr Thr Phe Pro Arg Asp
50 55 60

Arg Ala Ala Arg Gly Gly Asp Thr Leu Tyr Tyr Ile Glu Glu Gly Asp
65 70 75 80

Arg Arg Tyr Ser Ser Lys Arg Ala Glu Asn Ile Ala Lys Ile Gly Trp
85 90 95

Leu Pro Gly Glu Thr Ile Glu Val Val Ala Thr Ile Leu Glu Pro Phe
100 105 110

Ala Cys Arg Leu Val His Thr Thr Pro Gln
115 120

<210> 197

<211> 84

<212> PRT

<213> Homo sapien

<400> 197

Met Cys Leu Leu Ala Pro Cys Pro Glu Thr Pro Glu Ser Ser Trp Val
1 5 10 15

Val Lys Glu Ile Pro Trp Ser Ser Gln Val Pro Gly Ala Thr Cys Trp
20 25 30

Gly Phe Pro Gly His Arg Leu Ser Leu Lys Ala Cys Arg His Cys Ala
35 40 45

Thr Val Val Pro Val Arg Pro Ser Trp Gly His Gly Glu Arg Asp Ile
50 55 60

Ala Ile Pro Glu Ile Pro Gln Ser Val Met Cys Asp Leu Arg Ile Leu
65 70 75 80

Leu Arg Thr Pro

<210> 198
 <211> 84
 <212> PRT
 <213> Homo sapien

<400> 198

Met Asn Lys Leu His Trp Gln Trp Pro Leu Ser Ser Arg Arg Arg Gln
 1 5 10 15

Leu Met Asp Phe
 20 25 30

Phe Leu
 35 40 45

Gly Gly Gly Thr Gly Glu Gln Gly Gly Arg Ala Gly Gly Glu Cys Val
 50 55 60

Leu Pro Pro Pro Pro Pro Gln Lys Lys Lys Lys Lys Asn Ser Ile Asn
 65 70 75 80

Lys Lys Lys Lys

<210> 199
 <211> 134
 <212> PRT
 <213> Homo sapien

<400> 199

Met Pro Leu His Ser Ser Leu Gly Asn Arg Val Arg Pro Cys Pro Ser
 1 5 10 15

Thr Leu Gly Gly Arg Gly Ala Gln Leu Glu Ile Ser Leu Gly Asn Ile
 20 25 30

Val Lys Leu Asp Leu Tyr Lys Lys Lys Lys Lys Lys Ser Arg Val
 35 40 45

Trp Trp Cys Ala Pro Val Val Pro Ala Thr Gly Lys Leu Arg Trp Glu
 50 55 60

Asp His Leu Ser Pro Gly Gly Arg Gly His Asn Glu Pro Lys Leu Cys
 65 70 75 80

Gln Leu Asp Ser Ser Leu Gly Gln Gln Arg Lys Glu Leu Phe Thr Arg

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102
85 90 95

Lys Lys Lys Lys Thr Lys Lys Lys Lys Gly Gly Gly Gly Asn Thr
100 105 110

Gly Ala Gln Thr Arg Gly Pro Gly Gly Asn Gly Gly Thr Arg Asp
115 120 125

His Lys Phe Pro Lys Gln
130

<210> 200
<211> 34
<212> PRT
<213> Homo sapien

<400> 200

Met Tyr Pro Pro Gln Ala Leu Cys Glu Asn Ile His Glu Asp Tyr Ser
1 5 10 15

Leu Ser Phe Tyr Thr Lys Arg Thr Thr Gln Arg Arg Pro Leu Gly Gly
20 25 30

Phe Leu

<210> 201
<211> 137
<212> PRT
<213> Homo sapien

<400> 201

Met Val Gly Arg Thr Thr Phe Tyr Lys Leu Arg Glu Ser Thr Gln Arg
1 5 10 15

Ser Pro Leu Glu Arg Ala His Glu Glu Thr His Lys Ser Pro His Ala
20 25 30

Val Cys Trp Leu Arg Glu Ile Asn Arg Ala Ser Ser Leu Leu Ser Leu
35 40 45

Ser Leu Cys Val Gly Ala Arg Arg Ser Gln Thr Leu Cys Glu Lys Glu
50 55 60

Lys Val Leu Ser Glu Arg Glu Ser Val Gly Val His Thr Glu Ser Gly
65 70 75 80

Val Tyr Met Phe Tyr Ser Leu Trp Arg Val Ser Phe Ser Thr His Thr
85 90 95

Gly Ala His Asp Leu Ser His Lys Glu His Arg Thr His Thr Leu Trp
 100 105 110

Arg Ala Leu Ser His Leu Ile Phe Cys Glu Asn Val Lys Thr Phe Val
 115 120 125

Glu Arg Glu Val Phe Leu Pro Val Leu
 130 135

<210> 202
 <211> 134
 <212> PRT
 <213> Homo sapien

<400> 202

Met Val Val Arg Gln Tyr Val Ser Glu Ile Phe Glu Pro Ala Pro Pro
 1 5 10 15

Ser Thr Asn Lys His Tyr Phe Lys Arg Gly Lys Gly Ile Ser Met Glu
 20 25 30

Ala His Ser Arg Arg Gln Ser His Ser Leu Thr Arg Ser Ser Asp Pro
 35 40 45

Phe Ser Leu Gln His Arg Thr Gln Leu Leu Gln His Gly Ser His His
 50 55 60

His Gly Asp Leu Gly Pro Tyr Phe Ile Pro His Arg Met Glu Glu Ser
 65 70 75 80

Arg Leu Leu Leu Ser Leu Ser Ser Arg His Ser Phe Thr Ala Thr Phe
 85 90 95

Asp Gln Leu Leu Ala Arg Gly Lys Ala Ser Ser Thr Gly Thr Ser Arg
 100 105 110

Cys Pro Gly Leu Gly Ala Gly Ala Arg Arg Pro His Trp Ala Arg Val
 115 120 125

Ser Ser Ala Ala Thr Thr
 130

<210> 203
 <211> 60
 <212> PRT
 <213> Homo sapien

<400> 203

Met Ile Ile Leu Cys Leu Ile Asn His Asn Ile Met Cys Trp Trp Val
 1 5 10 15

Ser Ser Ser Ser Asp Tyr Leu Ser Ile Ser Val Val Cys Val Gln Ile
 20 25 30

Ser Ser Arg Gly Val Ser Pro Cys Ala Arg Asp Lys Thr Thr Ala Leu
 35 40 45

Ser Leu Leu Ser Arg Ser Ser Leu Ser Tyr Leu Cys
 50 55 60

<210> 204

<211> 49

<212> PRT

<213> Homo sapien

<400> 204

Met Asp Gly Thr Glu Gly Lys Gln Leu Phe Met Tyr Thr Ser Lys Arg
 1 5 10 15

Gly Lys Lys Lys Lys Lys Arg Asn Pro Leu Ile Ser Thr Leu Pro Ile
 20 25 30

Arg Gln Asp Ile Ser Thr Ser Gln Ile Leu Arg Phe Leu Ile Ser Arg
 35 40 45

Phe

<210> 205

<211> 53

<212> PRT

<213> Homo sapien

<400> 205

Met Ser Pro Trp Leu Asn Glu Arg Ser Ile Ala Lys Tyr Leu Met Asp
 1 5 10 15

Lys Val Thr Thr Ala Leu Gln Ala Asn Asn His Ile Ser Pro Tyr Ile
 20 25 30

Asp Gln Gln Arg Tyr Tyr Asn Tyr Ala Ser Val Gly Ile Gln Pro Arg
 35 40 45

Leu Thr His Ile Thr
 50

<210> 206

<211> 219

<212> PRT

<213> Homo sapien

<400> 206

Met	Thr	Met	Asn	Thr	Arg	Ser	Tyr	Leu	Thr	Thr	Phe	Gly	Ser	Leu	His
1															15
								5							

Ser	Tyr	Ser	Ser	Pro	Gln	Leu	Trp	Cys	Asp	Thr	Leu	Thr	Leu	Val	Arg
															30
								20							25

His	Gly	Ser	Ser	Leu	Gly	His	Asn	Thr	Arg	Thr	Asp	Pro	Thr	Ala	Tyr
															45
								35							40

Pro	Ser	Pro	Tyr	Cys	Pro	Tyr	Leu	Ala	Glu	His	Phe	Thr	Leu	Leu	His
															60
								50							55

Lys	Leu	Ser	Ser	Met	Thr	Pro	Gly	Arg	Leu	Asp	Met	Ala	Met	Pro	Tyr
															80
								65							70

Val	Leu	Ala	Pro	His	Leu	Ala	Thr	Pro	Thr	Pro	Pro	Ser	Leu	Thr	Pro
															95
								85							90

Leu	Arg	Asn	Asn	Thr	Thr	Pro	Ser	His	His	His	Thr	Ile	Thr	Tyr	Leu
															110
								100							105

Thr	Thr	Ala	Pro	Tyr	His	Arg	Thr	Leu	Leu	Thr	Ser	Pro	Thr	His	Pro
															125
								115							120

Tyr	Gly	Asp	Asp	His	Leu	Tyr	Leu	Tyr	Leu	Thr	Leu	Thr	Thr	Pro	Phe
															140
								130							135

Glu	Pro	Arg	Pro	Thr	His	Arg	Tyr	Pro	Leu	Pro	Pro	Leu	Asn	Pro	Leu
															160
								145							150

Arg	Ile	Thr	Thr	Gln	His	Thr	Ser	Asp	Gly	Thr	Thr	Pro	Phe	Arg	Asn
															175
								165							170

Thr	His	Pro	Lys	Leu	His	Pro	Leu	Tyr	Tyr	Thr	Thr	Gln	His	His	Tyr
															190
								180							185

Tyr	Tyr	Ala	His	His	Asn	Gln	Pro	Gln	Thr	Ser	Thr	Thr	Ile	Lys	
															205
								195							200

His	Ser	Ala	Gly	Gln	His	Ser	Glu	Gln	Gln						
															215
								210							215

<210> 207

<211> 97

<212> PRT

<213> Homo sapien

<400> 207

Met	His	Ala	Arg	Ala	Ala	Gln	Cys	Asp	Gly	Ser	Ala	Ala	Gly	Gln	Val
1				5					10				15		

Leu	Pro	Phe	Leu	Arg	Gly	Ser								
		20			25						30			

Asn	Ieu	Asp	Pro	Phe	Phe	Val	Lys	Lys	Ile	Phe	Phe	Phe	Phe	Phe
			35			40			45					

Phe	Phe	Leu	Trp	Lys	Pro	Pro	Leu	Glu	Thr	Ser	Ala	Ala	Leu	Pro
		50			55			60						

Val	Thr	Thr	Cys	Leu	Leu	Ser	Arg	His	Ser	Cys	Val	Ile	Gln	Arg	Asp
65				70					75			80			

Gly	Ala	Pro	Ala	Gly	Trp	Lys	Arg	Glu	Trp	Pro	Pro	Arg	Ala	Gly	Arg
			85			90						95			

Gly

<210> 208

<211> 261

<212> PRT

<213> Homo sapien

<400> 208

Met	Leu	Phe	Cys	Leu	Pro	Pro	Arg	Arg	Ala	Arg	Val	Cys	Val	Cys	Cys
1				5					10			15			

Ile	Thr	Leu	Gly	Gly	His	Ser	Ser	Leu	Tyr	Gly	Lys	Arg	Cys	Val	Leu
		20			25					30					

Ser	Leu	Ala	Arg	Gly	Arg	Asp	Ile	Tyr	Val	Asn	Thr	Leu	Ala	Gly	Gl
			35			40				45					

His	Thr	His	Thr	His	Ser	Tyr	Ile	Thr	Gln	Leu	Phe	Phe	Val	Cys	Lys
50					55				60						

Asn	Met	Phe	Val	Val	His	Leu	Cys	Val	Cys	Val	Ile	Trp	Leu	Tyr	Thr
65				70					75			80			

His Leu Ser Val Tyr Ile Leu Cys Val Cys Thr Arg Ala Ile Ala His

107
85 90 95

Thr Leu Tyr Cys Pro Thr Ser Val Phe Met Arg Ala Arg Glu Arg Arg
100 105 110

Gly Arg Val Arg Arg Glu Tyr Ile Ile Pro Thr Leu Cys Val Phe Ile
115 120 125

Ile Thr Gln Leu Val Arg Glu Arg Glu His His Arg Arg Ser Ala Ala
130 135 140

Val Cys Thr His Thr Arg His Thr Pro Leu Ser Leu Thr Pro Leu Leu
145 150 155 160

Ser Tyr Ile His Thr Pro Arg Cys Ser Arg Arg Glu Tyr Ile Gly Cys
165 170 175

Leu Tyr Ser Phe Thr His Phe Pro Val Gly Leu Tyr Ser His Thr Thr
180 185 190

Ser Thr Ser Leu Leu Val Ser Thr His Thr His His Lys Ile Asn Thr
195 200 205

Phe Leu Tyr Thr Pro Thr Leu Gln His Ser Leu Pro Pro His Leu Val
210 215 220

Tyr Arg His Thr His Ser Leu Leu Pro Pro Pro Ala His Pro Gln Lys
225 230 235 240

Lys Gly Gly Asp
245 250 255

Leu Arg Pro Ala Asp
260

<210> 209
<211> 111
<212> PRT
<213> Homo sapien

<400> 209

Met Arg Ser Thr His Trp Ala His Gly Thr Phe Leu Thr Pro Thr His
1 5 10 15

Pro Phe Leu Ile Ser Ser Thr Phe Leu Ser Ile Tyr Leu Pro Pro Ala
20 25 30

Pro Thr Pro Ile Pro Leu Ser Thr Thr Asn Pro Leu Ile Gln Ala Pro

108

35

40

45

Pro Gly Pro Leu Ile Ile Lys Thr Ile Val Pro Leu Phe Leu Asn Met
50 55 60

Asp Gln Lys Lys Lys Lys Asn Lys His Leu Ala Ala Thr Thr Ile
65 70 75 80

His His Asn Ala Pro Leu Glu His Ala Ser Arg Tyr Thr Glu Ala Pro
85 90 95

Ile Val Ile Ile His Ser Ser Phe Phe Leu Phe Phe Val Phe
100 105 110

<210> 210

<211> 30

<212> PRT

<213> Homo sapien

<400> 210

Met Ala His Phe Ala Gln Gln Cys Ser Phe His Met Gln Leu Ile Thr
1 5 10 15

His Asp Val Met Trp Ile Asp Thr Val Leu Thr Gln His Ile
20 25 30

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